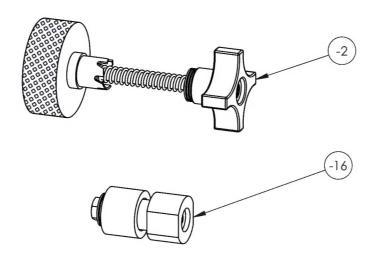
|     |         | revisions  |           |         |          |
|-----|---------|--|-----------|---------|----------|
| REV | ECR     | DESCRIPTION  | DATE      | INITIAL | APPROVED |
| 1   |         | -7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.  | 2/19/2004 | -       | -        |
| 2   |         | CH'D NOTE P/N -7 TURN TO FROM .660 PER GABRIEL. CH'D REVISIONS TO NUMERICAL, CH'D TITLEBLOCK & REVISION BLOCK, MADE SECTION VIEW A-A P/N -6, LABELED SECTIONS B-B P/N -17, & SECTION C-C P/N -21.  | 7/27/2009 | RJC     | -        |
| 3   | 15-0104 | UPDATED TO NEW DRAFTING STANDARDS1 CH'D DIM WAS Ø.501 IS Ø.50125016. ADDED DIM .10. DELETED TAPER. DELETED DIM 2.000. ADDED DIM 2.50. ADDED MIN. RELIEF10 CH'D 8/O INFO WAS EUGENE FASTENER #16 IS MCMASTER-CARR #9657K122 -11 ADDED QITY 21 O -16 ASSY13 ADDED QITY 1 TO -16 ASSY17 DELETED DIMS .493 , .420. ADDED DIM 43.6°, CORRECTED TYPO ON THREAD CALLOUT19 ADDED B/O INFO #97633A13023 & -25 DELETED27 CH'D DIM WAS .030 IS .030 +.005000. ADDED B/O INFO #91247A014. CH'D TOLERANCE ON NON-CRITICAL DIMENSIONS. | 5/13/2015 | DPD     | JAG      |



|  |                           |       | _         |
|--|---------------------------|-------|-----------|
| X     -2     1     CUTTER ASSEMBLY       1     -3     HANDLE     6061 T6       1     -7     6 TOOTH CUTTER     0-1       1     B/O     -10     SPRING       STEEL     Ø.437 OD X Ø.054 WIRE X 2, 15.54 LBS./IN.          | PECIFICATIONS             | PG.   |           |
| 1         -3         HANDLE         6061 T6           1         -7         6 TOOTH CUTTER         0-1           1         B/O         -10         SPRING         STEEL         Ø.437 OD X Ø.054 WIRE X 2, 15.54 LBS./IN. |                           | 2     | 1         |
| 1  |                           | 3     |           |
| 1 B/O -10 SPRING STEEL Ø.437 OD X Ø.054 WIRE X 2, 15.54 LBS./IN.   |                           | 4     |           |
|  |                           | 5     |           |
|  | (MCMASTER-CARR #9657K122) | 3     | TITLE     |
| 2   2   B/O   -11   WASHER   STEEL   TRA-411 (APPLIED INDUSTRIAL)  |                           | 3 & 6 |           |
| 1 1 B/O -13 BEARING Alloy Steel NTA-411 (APPLIED INDUSTRIAL)   |                           | 3 & 6 | DWG N     |
| 1 B/O -15 KNOB 1/4-20 (ESSENTRA COMPONENTS #DK-54)   |                           | 3     | MAT'L     |
| X -16 1 REMOVE & INSTALL TOOL  |                           | 6     | WAIL      |
| 1 -17 R & I ADAPTER STRESSPROOF  |                           | 7     | .xxx      |
| 1 B/O -19 SNAP RING STEEL Ø1/4 (MCMASTER-CARR #97633A130)  |                           | 6     | .XX<br>.X |
| 1 -21 CAP 6061 T6  |                           | 8     | 1. BRI    |
| 1 -27 BOLT STEEL 1/4-28 X 1-3/4 (MCMASTER-CARR #91247/   | A014) MODIFIED            | 9     | 2. DIM    |
| ASSY   ASSY   -16   -2   |                           |       | SCAL      |

## DART

## DAMPER BEARING TOOL KIT

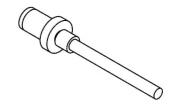
DWG NO.

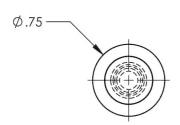
RB877528-4

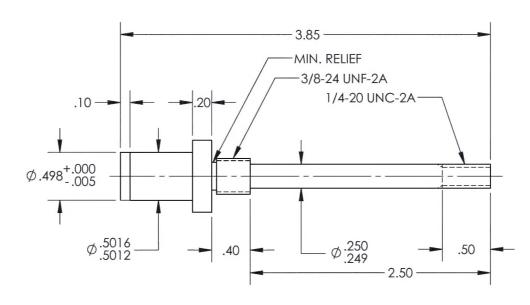
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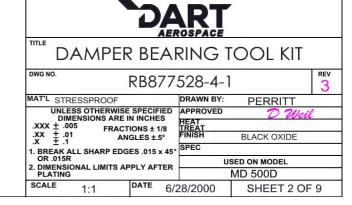
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES LSX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ±.5° ANGLES ±.5° ANGLES ±.5° ANGLES ±.5° ANGLES ±.1° ANGLES ±.5° ANGLES ±.

|     | REVISIONS REVISIONS |  |           |         |          |  |  |
|-----|---------------------|--|-----------|---------|----------|--|--|
| REV | ECR                 | DESCRIPTION  | DATE      | INITIAL | APPROVED |  |  |
| 3   | 15-0104             | -1 CH'D DIM WAS Ø.501 IS Ø.50125016, ADDED DIM .10, DELETED TAPER, DELETED DIM 2.000, ADDED DIM 2.50. ADDED MIN. RELIEF. | 5/13/2015 | DPD     | JAG      |  |  |





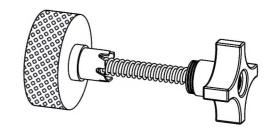


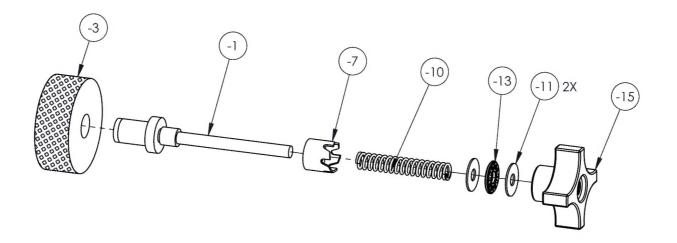


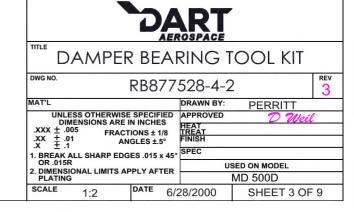
-1)

SHAFT

| REVISIONS . |     |             |      |         |          |  |
|-------------|-----|-------------|------|---------|----------|--|
| REV         | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |  |



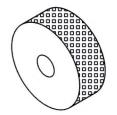


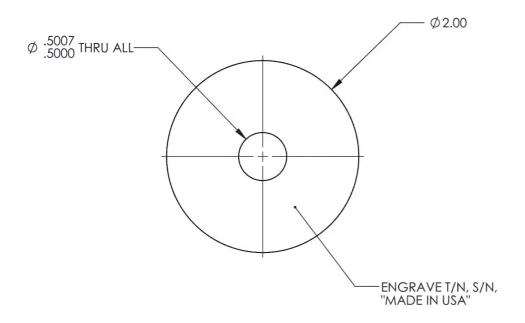


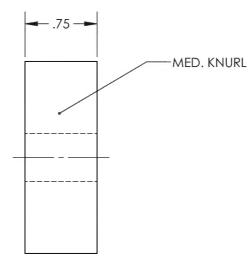


 REVISIONS

 REV
 ECR
 DESCRIPTION
 DATE
 INITIAL
 APPROVED









HANDLE

DAMPER BEARING TOOL KIT

DWG NO.

RB877528-4-3

MAT'L 6061 T6

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005

FRACTIONS ± 1/8

.XX ± .01

ANGLES ± .5°

X ± .1

ANGLES ± .5°

I. BREAK ALL SHARP EDGES .015 x 45°
OR .015R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

SCALE

1.1

DATE 6/28/2000

SCALE

TITLE

DRAWN BY:
PERRITT

APPROVED

HEAT

TREAT

TREAT

SPEC MIL-A-8625F, TYPE II, CLASS II

USED ON MODEL

MD 500D

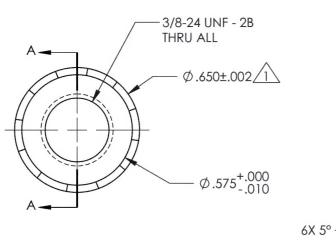
SCALE

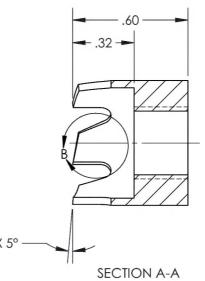
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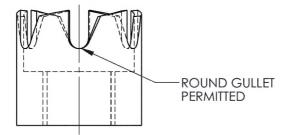
DATE 6/28/2000

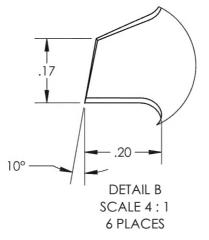
SHEET 4 OF 9

|     |     | REVISIONS   |           |         |          |
|-----|-----|---|-----------|---------|----------|
| REV | ECR | DESCRIPTION   | DATE      | INITIAL | APPROVED |
| 1   |     | -7 RADIAL ANGLE INCREASED FROM 2° TO 5° TO IMPROVE OPERATION.   | 2/19/2004 | -       | -        |
| 2   |     | CH'D NOTE TURN TO FROM .660 P/N -7 PER GABRIEL. CH'D REVISIONS TO NUMERICAL, CH'D TITLEBLOCK & REVISION BLOCK, MADE SECTION VIEW A-A P/N -6, LABELED SECTIONS B-B P/N -17, & SECTION C-C P/N -21. | 7/27/2009 | RJC     | -        |





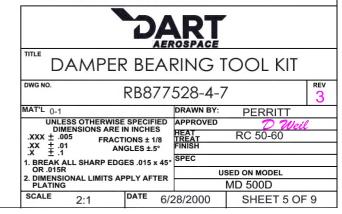




NOTE:

LEAVE OD .010 TO .015 OVER SIZED.

GRIND AFTER HEAT TREAT.

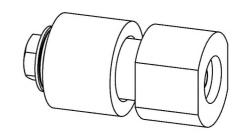


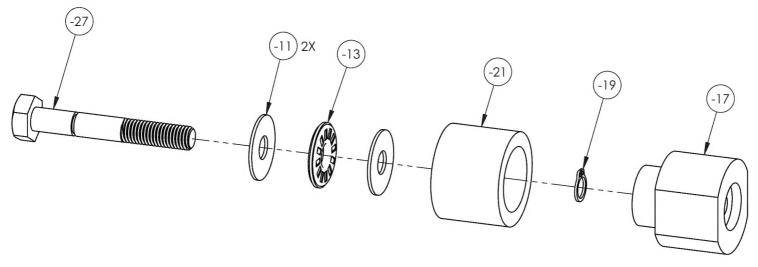


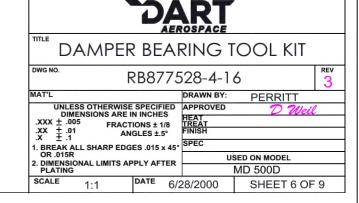
6 TOOTH CUTTER

 REVISIONS

 REV
 ECR
 DESCRIPTION
 DATE
 INITIAL
 APPROVED



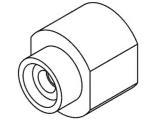


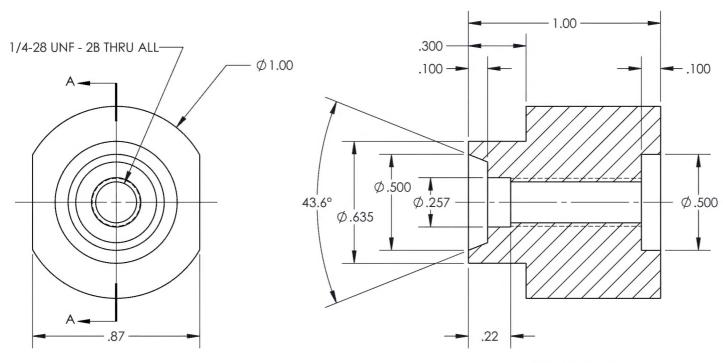


(-16

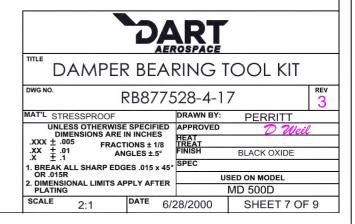
**REMOVE & INSTALL TOOL** 

|     | REVISIONS . |   |           |         |          |  |  |
|-----|-------------|---|-----------|---------|----------|--|--|
| REV | ECR         | DESCRIPTION   | DATE      | INITIAL | APPROVED |  |  |
| 3   | 15-0104     | -17 DELETED DIMS .493, .420. ADDED DIM 43.6°. CORRECTED TYPO ON THREAD CALLOUT. | 5/14/2015 | DPD     | JAG      |  |  |





SECTION A-A

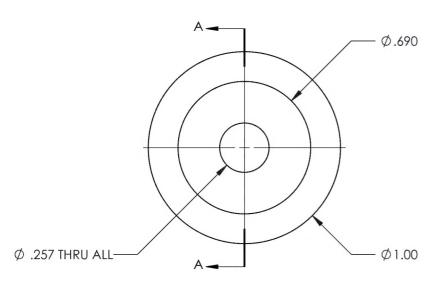


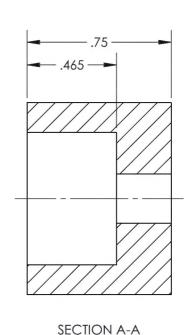
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R & I ADAPTER

|     | REVISIONS |             |      |         |          |  |
|-----|-----------|-------------|------|---------|----------|--|
| REV | ECR       | DESCRIPTION | DATE | INITIAL | APPROVED |  |







TITLE DAMPER BEARING TOOL KIT

DWG NO. RB877528-4-21 3

MAT'L 6061 T6 DRAWN BY: PERRITT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± .5°
.X ± .1 1. BREAK ALL SHARP EDGES .015 x 45°
OR .015R

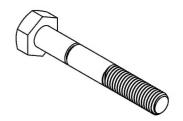
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

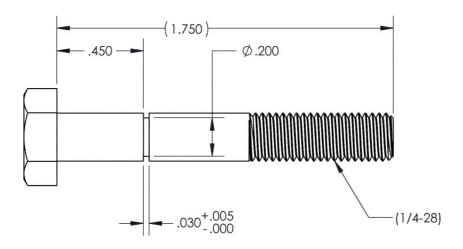
SCALE 2:1 DATE 6/28/2000 SHEET 8 OF 9

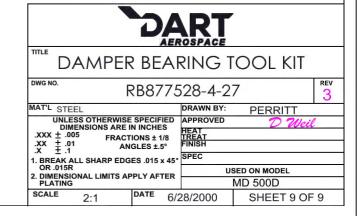
-21

CAP

|     | REVISIONS |   |           |         |          |  |  |
|-----|-----------|---|-----------|---------|----------|--|--|
| REV | ECR       | DESCRIPTION                             | DATE      | INITIAL | APPROVED |  |  |
| 3   | 15-0104   | -27 CH'D DIM WAS .030 IS .030 +.005000. | 5/14/2015 | DPD     | JAG      |  |  |









BOLT